



**Michelle Lujan Grisham**  
Governor

**Howie C. Morales**  
Lt. Governor

## NEW MEXICO ENVIRONMENT DEPARTMENT

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**James C. Kenney**  
Cabinet Secretary

**Jennifer J. Pruett**  
Deputy Secretary

### Certified Mail - Return Receipt Requested

October 15, 2019

Mr. Kirk Patten  
Chief of Fisheries Division  
State of New Mexico  
Department of Game & Fish  
P.O. Box 25112  
Santa Fe, New Mexico 87504

**RE: Los Ojos State Fish Hatchery; Minor; Individual Permit; SIC 0921; NPDES Compliance Evaluation Inspection; NPDES # NM0030139; September 12, 2019**

Dear Mr. Patten:

Enclosed please find a copy of the report and check list for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the Federal Clean Water Act.

Introduction, treatment scheme, and problems noted during this inspection are discussed in the Further Explanations section of the inspection report.

You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and to modify your operational and/or administrative procedures, as appropriate. Further, you are encouraged to notify in writing both the USEPA and NMED regarding modifications and compliance schedules at the addresses below:

David Long  
US Environmental Protection Agency, Suite 1200  
Enforcement Branch (6EN-WS)  
1445 Ross Avenue  
Dallas, Texas 75202-2733

Sarah Holcomb, Program Manager  
New Mexico Environment Department  
Surface Water Quality Bureau  
Source Regulation Section  
P.O. Box 5469  
Santa Fe, New Mexico 87502

Los Ojos State Fish Hatchery  
October 15, 2019

If you have any questions about this inspection report, please contact Daniel Valenta at (505) 827- 2575 or at [Daniel.Valenta@state.nm.us](mailto:Daniel.Valenta@state.nm.us).

Sincerely,

*/s/Sarah Holcomb*

Sarah Holcomb  
Surface Water Quality Bureau

Cc. Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail  
David Long, USEPA (6EN-WM) by e-mail  
Amy Andrews, USEPA (6EN-WM) by e-mail  
David Esparza, USEPA (6EN-WM) by e-mail  
Darlene Whitten-Hill, USEPA (6EN-WC) by e-mail  
John Rhoderick, NMED District I by e-mail  
Nancy Williams, USEPA (6EN-WC) by e-mail  
Samantha Ferguson, NMG&F by e-mail  
Andrew Delp, NMG&F by e-mail



Form Approved  
OMB No. 2040-0003  
Approval Expires 7-31-85

## NPDES Compliance Inspection Report

### Section A: National Data System Coding

Transaction Code			NPDES										yr/mo/day					Inspec. Type		Inspector		Fac Type						
1	N	2	5	3	N	M	0	0	3	0	1	3	9	11	12	1	9	0	9	1	2	17	18	C	19	S	20	2
Remarks																												
S T A T E F I S H H A T C H E R Y																												
Inspection Work Days								Facility Evaluation Rating								BI		QA		Reserved								
67	0	0	1	69	70	4	71	N	72	N	73			74	75													80

### Section B: Facility Data

Name and Location of Facility Inspected ( <i>For industrial users discharging to POTW, also include POTW name and NPDES permit number</i> )		Entry Time /Date 1100/9-12-2019		Permit Effective Date 7-1-2019	
NMDGF – Los Ojos Fish Hatchery State Road 84//68; Exit to Hwy 512 (Los Ojos) onto County Road 340, follow signs to hatchery.  RIO ARRIBA COUNTY		Exit Time/Date 1354/9-12-2019		Permit Expiration Date 3-30-2024	
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)				Other Facility Data	
Andrew Delp/Hatchery Manager/575-588-7307cell 505-285-1937				OUTFALL 001 36 43 9.01 N 106 34 39.02 W	
Name, Address of Responsible Official/Title/Phone and Fax Number				OUTFALL 002 36 43 2.13 N 106 34 36.01 W	
Mr. Kirk Patten/Chief-Fisheries Division/New Mexico Department of Game & Fish, P.O. Box 25112, Santa Fe, New Mexico 87504				SIC Code 0921	
Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					

### Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	S	Operations & Maintenance	N	CSO/SSO
S	Records/Reports	M	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
M	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
S	Effluent/Receiving Waters	S	Laboratory	N	Storm Water	N	Other:

### Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

1. SEE REPORT AND NARRATIVE.

Name(s) and Signature(s) of Inspector(s)		Agency/Office/Telephone/Fax		Date	
DANIEL J. VALENTA /s/Daniel Valenta		NMED/SWQB 505-827-2575		10/15/2019	
Signature of Management QA Reviewer		Agency/Office/Phone and Fax Numbers		Date	
JENNIFER FOOTE /s/Jennifer Foote		NMED/SWQB 505-827-0596		10/15/2019	

Los Ojos State Fish Hatchery		PERMIT NO. NM0030139
SECTION A - PERMIT VERIFICATION		
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS DETAILS:		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>NO</u> )
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
4. ALL DISCHARGES ARE PERMITTED		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
SECTION B - RECORDKEEPING AND REPORTING EVALUATION		
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT. DETAILS:		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>No</u> )
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs.		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE.		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
a) DATES, TIME(S) AND LOCATION(S) OF SAMPLING		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
b) NAME OF INDIVIDUAL PERFORMING SAMPLING		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
c) ANALYTICAL METHODS AND TECHNIQUES		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
d) RESULTS OF ANALYSES AND CALIBRATIONS.		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
e) DATES AND TIMES OF ANALYSES.		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
f) NAME OF PERSON(S) PERFORMING ANALYSES.		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE.		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR.		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA.		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
SECTION C - OPERATIONS AND MAINTENANCE		
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED.		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>Yes</u> ) DETAILS:
1. TREATMENT UNITS PROPERLY OPERATED.	<b>Mortalities not disposed of properly.</b>	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
2. TREATMENT UNITS PROPERLY MAINTAINED.		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED .	<b>Standby Generator Available</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE.		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
5. ALL NEEDED TREATMENT UNITS IN SERVICE		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED.		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED.		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE.		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED.		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED.		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA

Los Ojos State Fish Hatchery	PERMIT NO. NM0030139
<b>SECTION C - OPERATIONS AND MAINTENANCE (CONT'D)</b>	
9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR? IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED? HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
10. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT? IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT?	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
<b>SECTION D - SELF-MONITORING</b>	
PERMITTEE SELF-MONITORING MEETS PERMIT REQUIREMENTS. <input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>Yes</u> ). DETAILS:	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <b>WET test required before June 30</b>
6. SAMPLE COLLECTION PROCEDURES ADEQUATE	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
a) SAMPLES REFRIGERATED DURING COMPOSITING.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
b) PROPER PRESERVATION TECHNIQUES USED.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
c) CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136.3.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
7. IF MONITORING AND ANALYSES ARE PERFORMED MORE OFTEN THAN REQUIRED BY PERMIT, ARE THE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT?	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
<b>SECTION E - FLOW MEASUREMENT</b>	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS. <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>No</u> ) DETAILS:	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. TYPE OF DEVICE _____	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <b>Flow is monitored by measurement of flow over weir.</b>
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
4. CALIBRATION FREQUENCY ADEQUATE. RECORDS MAINTAINED OF CALIBRATION PROCEDURES. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
5. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
6. HEAD MEASURED AT PROPER LOCATION.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
7. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
<b>SECTION F – LABORATORY</b>	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS. <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>No</u> ) DETAILS:	
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES)	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA

Los Ojos State Fish Hatchery	Permit No. NM0030139
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SECTION F - LABORATORY (CONT'D)

2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT.	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
4. QUALITY CONTROL PROCEDURES ADEQUATE.	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
5. DUPLICATE SAMPLES ARE ANALYZED. <u>10</u> % OF THE TIME.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
6. SPIKED SAMPLES ARE ANALYZED. <u>0</u> % OF THE TIME.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA
7. COMMERCIAL LABORATORY USED.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
LAB NAME <u>Huther &amp; Associates, Inc.</u> Whole Effluent Toxicity <u>Scientific Laboratory Division</u> TSS/E coli/N/P	
LAB ADDRESS <u>1156 North Bonnie Brae</u> <u>700 Camino de Salud, NE</u>	
PARAMETERS PERFORMED <u>Denton, Texas 76201</u> <u>Albuquerque, NM 87196</u>	

SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS. <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>NO</u> ).							
OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001	no	no	no	no	no	Clear	
002	no	no	no	no	no	Clear	
RECEIVING WATER OBSERVATIONS							

SECTION H - SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. DETAILS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA (FURTHER EXPLANATION ATTACHED <u>NO</u> ).
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY.	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503.	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: _____ (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)	

SECTION I - SAMPLING INSPECTION PROCEDURES (FURTHER EXPLANATION ATTACHED NO).

1. SAMPLES OBTAINED THIS INSPECTION.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA
2. TYPE OF SAMPLE OBTAINED GRAB _____ COMPOSITE SAMPLE _____ METHOD _____ FREQUENCY _____	
3. SAMPLES PRESERVED.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
4. FLOW PROPORTIONED SAMPLES OBTAINED.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
6. SAMPLE REPRESENTATIVE OF VOLUME AND MATURE OF DISCHARGE.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
7. SAMPLE SPLIT WITH PERMITTEE.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT.	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA

Los Ojos State Fish Hatchery  
NPDES Permit No. NM0030139  
Compliance Evaluation Inspection  
September 12, 2019

Introduction:

On September 12, 2019, a Compliance Evaluation Inspection (CEI) was conducted at the New Mexico Department of Game and Fish (NMDG&F) Los Ojos Fish Hatchery located in Rio Arriba County, Los Ojos, New Mexico, by Mr. Daniel Valenta and Ms. Sandra Gabaldon of the New Mexico Environment Department (NMED), Surface Water Quality Bureau (SWQB). The Los Ojos Fish Hatchery has a design flow capacity of 3.32 Million Gallons per Day (MGD) and is classified as an industrial discharger under the federal Clean Water Act (CWA), Section 402 of the National Pollutant Discharge Elimination System (NPDES) permit program and is assigned permit number NM0030139.

Los Ojos Fish Hatchery is permitted to discharge from two outfalls, Outfall 001 and Outfall 002. Outfall 001 discharges to an unnamed ditch, thence to Upper Laguna del Campo pond, thence to Lower Laguna del Campo, thence to either the La Puente Ditch for irrigation purposes and / or the Rio Chama in segment 20.6.4.119 of the Rio Grande Basin (NMAC – *State of New Mexico Standards for Interstate and Intrastate Surface Waters*). Discharge from Outfall 002 is to the La Puente Ditch, thence to either Laguna del Campo or irrigation, thence to the Rio Chama. Designated uses of Segment 20.6.4.119 are: Domestic water supply, fish culture, high quality coldwater aquatic life, irrigation, livestock watering, wildlife habitat and primary contact; and public water supply in the Rio Brazos and Rio Chama.

The NMED performs a certain number of CEI's for the U.S. Environmental Protection Agency (USEPA) each year. The purpose of this inspection is to provide USEPA with information to evaluate the permittee's compliance with their NPDES permit. This report is based on review of files maintained by the permittee and NMED, on-site observation by NMED personnel, and verbal information provided by the permittee's representatives.

An entrance interview was conducted with Mr. Andrew Delp, Hatchery Manager, at approximately 1100 hours on September 12, 2019. The inspector made introductions, presented his credentials and discussed the purpose of the inspection. An exit interview to discuss the preliminary findings of the inspection was conducted at approximately 1354 hours on September 12, 2019 with Mr. Delp at the hatchery office.

Treatment Scheme

The hatchery is in Los Ojos, New Mexico in Rio Arriba County. The facility produces approximately 200,000 lbs. of rainbow trout, kokanee salmon, and brook trout per year for recreational purposes. The hatchery water supply consists of a collection of artesian springs that flow into three collection boxes; hatchery box, spring box, and raceway box. The facility has three sets of raceways all are fenced in and under a covered roof. On the north side of the property are 36 raceways called the Legal raceways. Next are the 20 raceways called D Battery. Close to Outfall 002 are the 8 raceways of J Battery.

Los Ojos State Fish Hatchery  
NPDES Permit No. NM0030139  
Compliance Evaluation Inspection  
September 12, 2019

**Further Explanations**

Note: The sections are arranged according to the format of the enclosed EPA Inspection Checklist (Form 3560-3), rather than being ranked in order of importance.

**Section C – Operations and Maintenance, “Marginal”**

**Per Part II. G. 5. A. iii:** “Remove and dispose of aquatic animal mortalities properly on a regular basis to prevent discharge to waters of the U.S., except in cases where the permitting authority authorizes such discharge to benefit the aquatic environment.”

**Finding:** Proper disposal of the carcass (incineration, burying, etc.) is critical to prevent exposure of other wildlife and humans to disease. At the time of the inspection ravens were feeding on the mortalities and may have been removing them from the containment area. See attachment 1.

**Section D – Self-Monitoring, “Marginal”**

**Per Part I. A. 1. Footnotes. 7** *“Whole effluent toxicity testing shall be sampled during the first discharge after the permit effective date. Toxicity testing requirements for additional WET monitoring and reporting conditions.”*

**Finding:** The permit became effective on July 1, 2019. The required WET test per above has not been completed. The facility has arranged to complete a WET test, see attachment 2.



**NMED/SWQB  
Official Photograph Log**

Photo # 1

Photographer: Daniel Valenta	Date: September 9/12/2019	Time: 1155 hours
City/County: Los Ojos / Rio Arriba		
Location: 29 Hatchery Road, Los Ojos State Fish Hatchery		
Subject: Group of covered raceways called the Legal raceways.		



**NMED/SWQB  
Official Photograph Log**

Photo # 2

Photographer: Daniel Valenta	Date: September 9/12/2019	Time: 1209 hours
City/County: Los Ojos / Rio Arriba		
Location: 29 Hatchery Road, Los Ojos State Fish Hatchery		
Subject: D Battery raceways. Majority are not being used at the present time.		





**NMED/SWQB  
Official Photograph Log**

Photo # 3

Photographer: Daniel Valenta	Date: September 9/12/2019	Time: 1218 hours
City/County: Los Ojos / Rio Arriba		
Location: 29 Hatchery Road, Los Ojos State Fish Hatchery		
Subject: La Puente Ditch flows through the hatchery.		





**NMED/SWQB  
Official Photograph Log**

Photo # 4

Photographer: Daniel Valenta	Date: September 9/12/2019	Time: 1236 hours
City/County: Los Ojos / Rio Arriba		
Location: 29 Hatchery Road, Los Ojos State Fish Hatchery		
Subject: Solids settling raceways.		



**NMED/SWQB  
Official Photograph Log**

Photo # 5

Photographer: Daniel Valenta	Date: September 9/12/2019	Time: 1237 hours
City/County: Los Ojos / Rio Arriba		
Location: 29 Hatchery Road, Los Ojos State Fish Hatchery		
Subject: J Battery raceways.		





**NMED/SWQB  
Official Photograph Log**

Photo # 6

Photographer: Daniel Valenta	Date: September 9/12/2019	Time: 1243 hours
City/County: Los Ojos / Rio Arriba		
Location: 29 Hatchery Road, Los Ojos State Fish Hatchery		
Subject: Outfall 002		



**NMED/SWQB  
Official Photograph Log**

Photo # 7

Photographer: Daniel Valenta	Date: September 9/12/2019	Time: 1309 hours
City/County: Los Ojos / Rio Arriba		
Location: 29 Hatchery Road, Los Ojos State Fish Hatchery		
Subject: Outfall 001		





**NMED/SWQB  
Official Photograph Log**

Photo # 8

Photographer: Daniel Valenta	Date: September 9/12/2019	Time: 1249 hours
City/County: Los Ojos / Rio Arriba		
Location: 29 Hatchery Road, Los Ojos State Fish Hatchery		
Subject: Fish mortality disposal area.		





## Attachment 1

Daniel,

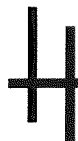
Attached is a picture of the rotating composter that we made, for us with our fish mortalities. We will begin using this for all morts beginning 9/19. I need to see it in use(to see if there are changes that need to be made), to see if we need to make another for our volume of compostables. Let me know if you need anything else.

Andrew Delp  
Hatchery Manager  
Los Ojos Fish Hatchery  
New Mexico Department of Game and Fish  
(575)588-7307

**Conserving New Mexico's Wildlife For Future Generations**



## Attachment 2



September 24, 2019

**RETURN SHIPPING ADDRESS:**

Huthur & Associates, Inc.  
1156 N. Bonnie Brae  
Denton, TX 76201  
(940) 387-1025

Attn: Andrew Delp  
NMDG&F Los Ojos State Fish Hatchery  
#29 Hatchery Road  
Los Ojos, NM 87551

Dear Andrew,

We have **NMDG&F – Los Ojos State Fish Hatchery** scheduled for a 7-day chronic *Ceriodaphnia dubia* survival and reproduction test, and a 7-day chronic *Pimephales promelas* survival and growth test. Sampling dates, shipping dates and test dates are as follows:

**Grab Samples Collection & Ship Dates**

Monday, September 30, 2019

Wednesday, October 2, 2019

\*Friday, October 4, 2019

(\***Saturday Delivery: \*Must arrive Saturday by 10:30 am**)

**Test Dates**

Tuesday, October 1, 2019 - Start Test

Tuesday, October 8, 2019 - End Test

If you have any questions or concerns, please call me at (940) 387-1025.

Please be sure to pack your samples with enough ice to ensure proper sample temperature (6.0 °C).

Sincerely,

Josh, Mary Ellen & Rhonda